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INFORMATION DISCLOSURE
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Sheet 1 of 1

Complete if Known

Application Number	10/783,873
Filing Date	February 20, 2004
First Named Inventor	Joseph J. Kubler et al.
Group Art Unit	2419
Examiner Name	Haliyur, Venkatesh N
Attorney Docket No.	14364US15

U.S. PATENT DOCUMENTS

Examiner Initial*	Cite No. 1	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/V.H./	A20	US-08/493480	06-1995	Angle	
	A21	US-2001/0055978	12-2001	Herrod et al.	
	A22	US-2003/002482 A1	01-2003	Kubler et al.	
	A23	US-2003/002637	01-2003	Miyahchi et al.	
	A24	US-2003/0118081 A1	06-2003	Philips et al.	
	A25	US-2003/0174695	09-2003	Lautenschlager et al.	
	A26	US-2004/0023651	02-2004	Gollnick et al.	
	A27	US-2004/0039833	02-2004	Ludwig et al.	
	A28	US-2004/0081135	04-2004	Ewing et al.	
	A29	US-2004/0114567 A1	06-2004	Kubler et al.	
	A30	US-2004/0146037 A1	07-2004	Kubler et al.	
	A31	US-2004/0151150 A1	08-2004	Kubler et al.	
	A32	US-2004/0151151 A1	08-2004	Kubler et al.	
	A33	US-2004/0151151 A1	08-2004	Kubler et al.	
	A34	US-2004/0165573 A1	08-2004	Kubler et al.	
	A35	US-2004/0174841 A1	09-2004	Kubler et al.	
	A36	US-2004/0174842 A1	09-2004	Kubler et al.	
	A37	US-2004/0174843 A1	09-2004	Kubler et al.	
	A38	US-2004/0228330 A1	11-2004	Kubler et al.	
	A39	US-2004/0246940 A1	12-2004	Kubler et al.	
	A40	US-2005/0013266 A1	01-2005	Kubler et al.	
	A41	US-2005/0036467 A1	02-2005	Kubler et al.	
	A42	US-2005/0152319 A1	07-2005	Kubler et al.	
	A43	US-2005/0254475 A1	11-2005	Kubler et al.	
	A44	US-3,786,195	01-1974	Schiffman, Murray M.	
	A45	US-4,317,195	02-1982	Barberis et al.	
	A46	US-4,320,500	03-1982	Barberis et al.	
	A47	US-4,450,554	05-1984	Steensma et al.	
	A48	US-4,453,247	06-1984	Suzuki et al.	
	A49	US-4,493,021	01-1985	Agrawal et al.	
	A50	US-4,630,262	12-1986	Callens et al.	
	A51	US-4,641,302	02-1987	Miller, William J.	
	A52	US-4,704,696	11-1987	Reimer et al.	

EXAMINER SIGNATURE	/Venkatesh Haliyur/	DATE CONSIDERED	04/08/2009

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N.H./	A53	US-4,706,242	11-1987	Harland, Geoffrey	
	A54	US-4,757,497	07-1988	Beierle et al.	
	A55	US-4,777,633	10-1988	Fletcher et al.	
	A56	US-4,847,829	07-1989	Tompkins et al.	
	A57	US-4,872,160	10-1989	Hemmady et al.	
	A58	US-4,884,132	11-1989	Morris et al.	
	A59	US-4,903,261	02-1990	Baran et al.	
	A60	US-4,910,794	03-1990	Mahany, Ronald L.	
	A61	US-4,941,089	07-1990	Fischer, Michael A.	
	A62	US-5,008,929	04-1991	Olsen et al.	
	A63	US-5,068,916	11-1991	Harrison et al.	
	A64	US-5,103,467 A	04-1992	Bedlek et al.	
	A65	US-5,121,391	06-1992	Paneth et al.	
	A66	US-5,128,959	07-1992	Bruckert, Eugene J.	
	A67	US-5,142,532	08-1992	Adams, John L.	
	A68	US-5,148,429 A	09-1992	Kudo et al.	
	A69	US-5,159,592 A	10-1992	Perkins, Charles E.	
	A70	US-5,168,498 A	12-1992	Adams et al.	
	A71	US-5,220,565 A	06-1993	Wilson et al.	
	A72	US-5,222,152 A	06-1993	Fishbine et al.	
	A73	US-5,231,646	07-1993	Heath et al.	
	A74	US-5,251,205 A	10-1993	Callon et al.	
	A75	US-5,251,232	10-1993	Nonami, Takayuki	
	A76	US-5,268,933 A	12-1993	Averbuch, Nimrod	
	A77	US-5,273,437	12-1993	Caldwell et al.	
	A78	US-5,280,472	01-1994	Gilhouse et al.	
	A79	US-5,287,384	02-1994	Avery et al.	
	A80	US-5,301,356	04-1994	Bodin et al.	
	A81	US-5,325,419	06-1994	Connolly et al.	
	A82	US-5,327,486	07-1994	Wolff et al.	
	A83	US-5,341,374	08-1994	Lewen et al.	
	A84	US-5,367,558 A	11-1994	Gillig et al.	
▼	A85	US-5,373,503	12-1994	Chen, Kwang-Cheng	
	A86	US-5,384,807	01-1995	Yatim et al.	

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/Venkatesh Haliyur/	04/08/2009

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N.H./	A87	US-5,392,281 A	02-1995	Baumert et al.	
	A88	US-5,394,436	02-1995	Meier et al.	
	A89	US-5,398,190	03-1995	Wortham, Larry C.	
	A90	US-5,404,579	04-1995	Obayashi et al.	
	A91	US-5,406,271 A	04-1995	Sonnendorfer et al.	
	A92	US-5,422,656 A	06-1995	Allard et al.	
	A93	US-5,428,616	06-1995	Field et al.	
	A94	US-5,428,664	06-1995	Kobayashi, Takeo	
	A95	US-5,434,856	07-1995	Huang, Jian-Cheng	
	A96	US-5,444,707 A	08-1995	Cerna et al.	
	A97	US-5,453,986 A	09-1995	Davis et al.	
	A98	US-5,461,611	10-1995	Drake et al.	
	A99	US-5,477,531 A	12-1995	McKee et al.	
	A100	US-5,477,539	12-1995	Brown, Thomas A.	
	A101	US-5,481,533 A	01-1996	Honig et al.	
	A102	US-5,481,539 A	01-1996	Hershey et al.	
	A103	US-5,483,676	01-1996	Mahany et al.	
	A104	US-5,490,134	02-1996	Fernandes et al.	
	A105	US-5,499,287	03-1996	Beck et al.	
	A106	US-5,502,726 A	03-1996	Fischer, Michael	
	A107	US-5,506,847	04-1996	Shobatake, Yasuro	
	A108	US-5,506,848 A	04-1996	Drakopoulos et al.	
	A109	US-5,521,925 A	05-1996	Merakos et al.	
	A110	US-5,524,145	06-1996	Parker, Alita M.	
	A111	US-5,526,353	06-1996	Henley et al.	
	A112	US-5,533,019	07-1996	Jayapalan, Jay P.	
	A113	US-5,534,937	07-1996	Zhu et al.	
	A114	US-5,535,207	07-1996	Dupont, Pierre	
	A115	US-5,539,729	07-1996	Bodnar, Bohdan L.	
	A116	US-5,550,893	08-1996	Heidari, Alireza R.	
	A117	US-5,557,664	09-1996	Burns et al.	
	A118	US-5,566,170	10-1996	Bakke et al.	
	A119	US-5,570,367	10-1996	Ayanoglu et al.	
	A120	US-5,579,487	11-1996	Meyerson et al.	

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N.H./	A121	US-5,581,596	12-1996	Hogan, Jerry C.	
	A122	US-5,586,113	12-1996	Adachi et al.	
	A123	US-5,596,573 A	01-1997	Bertrand, Staffan	
	A124	US-5,600,638	02-1997	Bertin et al.	
	A125	US-5,602,836	02-1997	Papadopoulos et al.	
	A126	US-5,602,846	02-1997	Holmquist et al.	
	A127	US-5,604,737 A	02-1997	Iwami et al.	
	A128	US-5,610,617	03-1997	Gans et al.	
	A129	US-5,613,190	03-1997	Hyton, Denny L.	
	A130	US-5,615,210	03-1997	Kaiyama et al.	
	A131	US-5,617,410	04-1997	Matsumoto, Mariko	
	A132	US-5,623,485	04-1997	Bi, Qi	
	A133	US-5,628,055 A	05-1997	Stein, Per	
	A134	US-5,631,900	05-1997	McCaslin et al.	
	A135	US-5,635,980	06-1997	Lin et al.	
	A136	US-5,649,010	07-1997	Gysel et al.	
	A137	US-5,650,994	07-1997	Daley, Kathleen	
	A138	US-5,654,957	08-1997	Koyama, Toshiaki	
	A139	US-5,654,969	08-1997	Wilhelmsson, Lennart	
	A140	US-5,659,698	08-1997	Weng et al.	
	A141	US-5,666,534	09-1997	Gilbert et al.	
	A142	US-5,678,172 A	10-1997	Dinkins, Gilbert M.	
	A143	US-5,682,379	10-1997	Mahany et al.	
	A144	US-5,699,423	12-1997	Yoshida et al.	
	A145	US-5,717,737	02-1998	Doviak et al.	
	A146	US-5,726,984 A	03-1998	Kubler et al.	
	A147	US-5,729,544	03-1998	Lev et al.	
	A148	US-5,734,981	03-1998	Kennedy et al.	
	A149	US-5,742,592	04-1998	Scholefield et al.	
	A150	US-5,742,639	04-1998	Fasulo et al.	
	A151	US-5,745,533	04-1998	Asada et al.	
	A152	US-5,745,556	04-1998	Ronen, Yzhak	
	A153	US-5,758,256	05-1998	Berry et al.	
	A154	US-5,774,461	06-1998	Hyden et al.	

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N.H./	A155	US-5,774,854	06-1998	Sharmann, Richard Anthony	
	A156	US-5,777,991	07-1998	Adachi et al.	
	A157	US-5,793,762	08-1998	Penners et al.	
	A158	US-5,796,727	08-1998	Harrison et al.	
	A159	US-5,796,772 A	08-1998	Smith et al.	
	A160	US-5,812,531	09-1998	Cheung et al.	
	A161	US-5,812,944	09-1998	Matsumoto, Kouichi	
	A162	US-5,838,730	11-1998	Cripps, Peter K.	
	A163	US-5,842,134	11-1998	Brown et al.	
	A164	US-5,842,224	11-1998	Fenner, Peter R.	
	A165	US-5,915,214 A	06-1999	Reece et al.	
	A166	US-5,953,319	09-1999	Dutta et al.	
	A167	US-5,956,673 A	09-1999	Weaver et al.	
	A168	US-5,960,074	09-1999	Clark, Curtis	
	A169	US-5,987,099	11-1999	O'Neill et al.	
	A170	US-6,046,992	04-2000	Meier et al.	
	A171	US-6,073,030 A	06-2000	Nair et al.	
	A172	US-6,104,706 A	08-2000	Richter et al.	
	A173	US-6,108,704	08-2000	Hutton et al.	
	A174	US-6,131,121	10-2000	Mattaway et al.	
	A175	US-6,132,306	10-2000	Trompower, Michael L.	
	A176	US-6,134,312	10-2000	Peoples, John Terrance	
	A177	US-6,157,653 A	12-2000	Kline et al.	
	A178	US-6,345,047 B1	02-2002	Regnier, Jean Michel	
	A179	US-6,366,771	04-2002	Angle et al.	
	A180	US-6,453,351 B1	09-2002	Endo, Noboru	
	A181	US-6,542,497	04-2003	Curry et al.	
	A182	US-6,553,410	04-2003	Kikinis, Dan	
	A183	US-6,633,635	10-2003	Kung et al.	
	A184	US-6,850,510 B2	02-2005	Kubler et al.	
	A185	US-6,961,312 B2	11-2005	Kubler et al.	
	A186	US-7,058,424	06-2006	Gadgil et al.	
	A187	US-7,136,475	11-2006	Rogers et al.	
	A188	US-7,161,931	01-2007	Li et al.	

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V.H./	A189	US-7,366,151 B2	04-2008	Kubler et al.	
V.H./	A190	US-H-001,641 H	04-1997	Sharmar, Duane R.	
V.H./	A191	US-RE38,787 E	08-2005	Sainton et al.	

FOREIGN PATENT DOCUMENTS

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V.H./	C34	Decision of Appeals 2008-1199, -1271, -1272 in the United States Court of Appeals for the Federal Circuit, <i>Broadcom Corporation v. Qualcomm Incorporated</i> , On appeal from the United States District Court for the Central District of California in Case No. 05-CV-467-JVS, Decided September 24, 2008.
	C35	Black, Uyless; ATM Volume I; Prentice Hall, 1995, PP 244-245.
	C36	Dynamic Computation of TCP Maximum Window Size for Directly Connected Hosts, 4/1/94, IBM Technical Disclosure Cross Ref. No. 0018-8689-37-4A-601, PP: 601-608.
	C37	Martin, Local Area Networks, 1994, Prentice Hall, PP:367-369.
	C38	Martin, Local Area Networks, 1994, Prentice-Hall, PP:372-373.
	C39	Stevens, TCP/IP Illustrated, Volume 1, 1994, Addison-Wesley, PP: 104-107.

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